Expressing Inequalities on a Numberline

Name:

Use the numberline to express the inequality.

Ex) X > 0

-70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 50 60

1) X ≥ 51

46 47 48 49 50 51 52 53 54 55 56

2) X > -146

-151 -150 -149 -148 -147 -146 -145 -144 -143 -142 -141 -140 -139

3) X > -115

-145 -140 -135 -130 -125 -120 -115 -110 -105 -100 -95 -90

4) X > 80

45 50 55 60 65 70 75 80 85 90 95 100 105 110

5) X > -50

-85 -80 -75 -70 -65 -60 -55 -50 -45 -40 -35 -30 -25

6) X ≤ -30

-90 -80 -70 -60 -50 -40 -30 -20 -10 0 10 20 30

7) X ≤ -110

-170 -160 -150 -140 -130 -120 -110 -100 -90 -80 -70 -60 -50 -40

8) X > -65

-90 -85 -80 -75 -70 -65 -60 -55 -50 -45 -40

9) X > -30

-100 -90 -80 -70 -60 -50 -40 -30 -20 -10 0 10 20

10) X < 102

96 97 98 99 100 101 102 103 104 105 106 107 108

11) X > -140

-146 -145 -144 -143 -142 -141 -140 -139 -138 -137 -136 -135 -134 -133

12) X < 100

50 60 70 80 90 100 110 120 130 140 150

13) X > -158

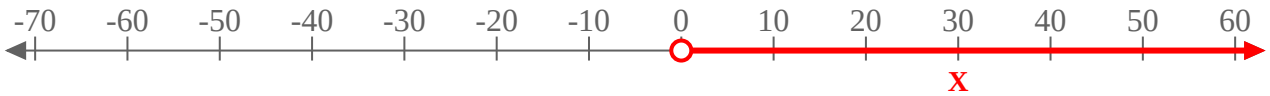
-164 -163 -162 -161 -160 -159 -158 -157 -156 -155 -154 -153

1-10	92	85	77	69	62	54	46	38	31	23
11-13	15	8	0							

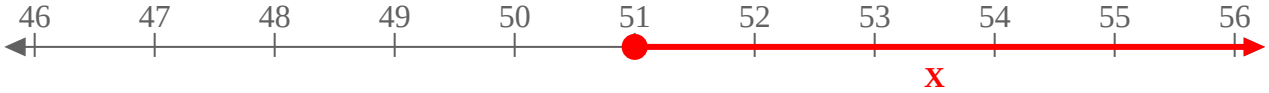
Expressing Inequalities on a Numberline Name: **Answer Key**

Use the numberline to express the inequality.

Ex) X > 0



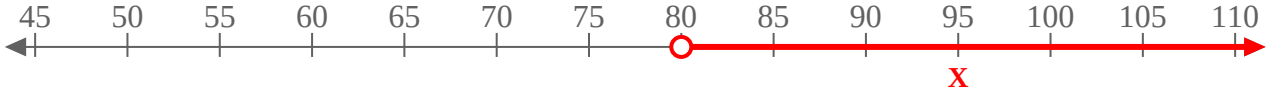
1) X ≥ 51



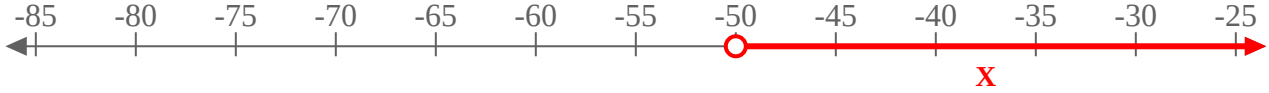
2) X > -146

3) X > -115

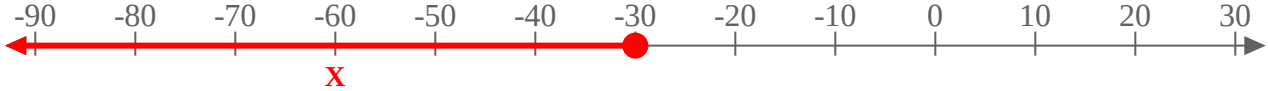
4) X > 80



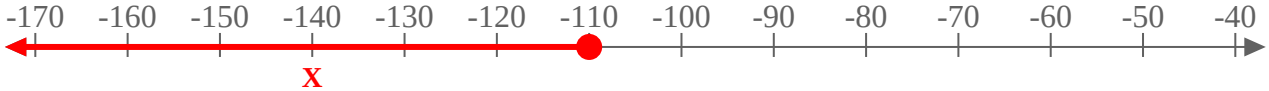
5) X > -50



6) X ≤ -30

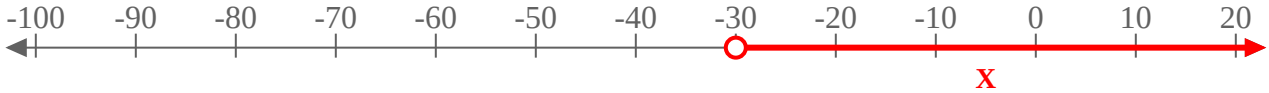


7) X ≤ -110

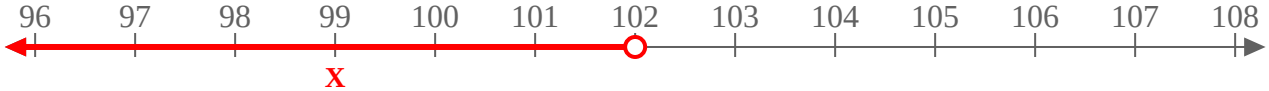


8) X > -65

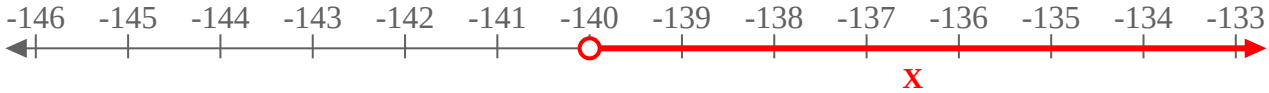
9) X > -30



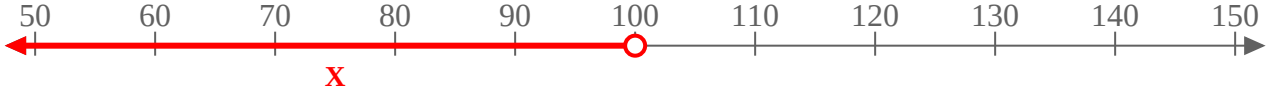
10) X < 102



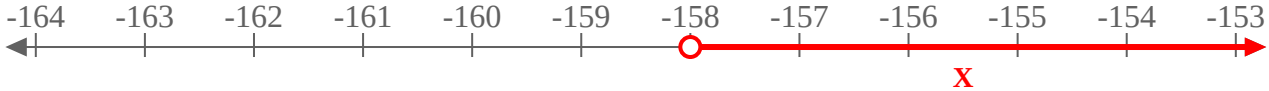
11) X > -140



12) X < 100



13) X > -158



1-10	92	85	77	69	62	54	46	38	31	23
11-13	15	8	0							